

Title (en)
BIOLOGICAL FLUID SAMPLING APPARATUS

Title (de)
GERÄT ZUR ENTNAHME VON BIOLOGISCHEN FLÜSSIGKEITEN

Title (fr)
APPAREIL DE PRELEVEMENT DE FLUIDE BIOLOGIQUE

Publication
EP 1487369 A4 20101020 (EN)

Application
EP 03716593 A 20030313

Priority

- US 0307945 W 20030313
- US 36431402 P 20020314
- US 27925102 A 20021024
- US 29515102 A 20021115

Abstract (en)
[origin: WO03078964A2] A sampling apparatus is disclosed that includes a sample container and a sample device receiver in communication with tubing connected to the container. The receiver being adapted to receive a sampling device for withdrawing a fluid sample from the tubing and may be directly attached to a connector located between segments of the tubing.

IPC 1-7
A61B 19/00

IPC 8 full level
A61M 1/02 (2006.01)

CPC (source: EP US)
A61B 5/15003 (2013.01 - EP); **A61B 5/150213** (2013.01 - EP); **A61B 5/150305** (2013.01 - EP); **A61B 5/15032** (2013.01 - EP); **A61B 5/150335** (2013.01 - EP); **A61B 5/150366** (2013.01 - EP); **A61B 5/150396** (2013.01 - EP); **A61B 5/150503** (2013.01 - EP); **A61B 5/150572** (2013.01 - EP); **A61B 5/150732** (2013.01 - EP); **A61B 5/150992** (2013.01 - EP); **A61B 5/154** (2013.01 - EP); **A61B 5/155** (2013.01 - EP); **A61M 1/0236** (2014.02 - EP US)

Citation (search report)

- [XY] US 4932418 A 19900612 - COBURN TIMOTHY J [US]
- [XY] DE 20108230 U1 20011004 - KABE LABORTECHNIK GMBH [DE]
- [XY] US 5620008 A 19970415 - SHINAR EILAT [IL], et al
- [X] US 5084034 A 19920128 - ZANOTTI LEAH M [US]
- [X] WO 0158507 A2 20010816 - TEVA MEDICAL LTD [IL], et al
- See references of WO 03078964A2

Cited by
US11998332B2; US11890452B2; US11903710B2; US11903709B2

Designated contracting state (EPC)
BE DE ES FR GB SE

DOCDB simple family (publication)
WO 03078964 A2 20030925; WO 03078964 A3 20040408; AU 2003220295 A1 20030929; AU 2003220295 B2 20071018; BR 0308408 A 20050118; CA 2478886 A1 20030925; CA 2478886 C 20120710; EP 1487369 A2 20041222; EP 1487369 A4 20101020; EP 1487369 B1 20170503; MX PA04008956 A 20041126

DOCDB simple family (application)
US 0307945 W 20030313; AU 2003220295 A 20030313; BR 0308408 A 20030313; CA 2478886 A 20030313; EP 03716593 A 20030313; MX PA04008956 A 20030313